received information is checked and tested by display(s) elevation, indenting, or texturizing controller **121** and display controllers **120** (step **604**) to determine how a high image quality in the area can be maintained (step **606**) by raising or lowering selective cells. One or more processors **102** in combination with sensors **126** determine display orientation or viewing angle (step **608**) that is taken into consideration to properly elevate, indent, or texturize the display devices described above. If an image of an object is to be simulated or replicated, it is rendered by one or more processors **102** and checked to determine if it can be properly displayed (step **610**). The cells in the display device are elevated, indented, or texturized (step **612**).

Although features and elements are described above in particular combinations, each feature or element can be used alone without the other features and elements or in various combinations with or without other features and elements. The methods, processes, or flow charts provided herein may be implemented in a computer program, software, or firmware incorporated in a computer-readable storage medium for execution by a general purpose computer or a processor. Examples of computer-readable storage mediums include a read only memory (ROM), a random access memory (RAM), a register, cache memory, semiconductor memory devices, magnetic media such as internal hard disks and removable disks, magneto-optical media, and optical media such as CD-ROM disks, digital versatile disks (DVDs), and BluRay discs.

Suitable processors include, by way of example, a general purpose processor, a special purpose processor, a conventional processor, a digital signal processor (DSP), a plurality of microprocessors, one or more microprocessors in association with a DSP core, a controller, a microcontroller, Application Specific Integrated Circuits (ASICs), Field Programmable Gate Arrays (FPGAs) circuits, any other type of integrated circuit (IC), and/or a state machine.

A processor in association with software may be used to implement a radio frequency transceiver for use in a computer, wireless transmit receive unit (WTRU), user equipment (UE), terminal, base station, radio network controller (RNC), or any host computer. The WTRU may be used in conjunction with modules, implemented in hardware and/or software, such as a camera, a video camera module, a videophone, a speakerphone, a vibration device, a speaker, a microphone, a television transceiver, a hands free headset, a keyboard, a Bluetooth® module, a frequency modulated (FM) radio unit, a liquid crystal display (LCD) display unit, an organic light-emitting diode (OLED) display unit, a digital music player, a media player, a video game player module, an Internet browser, and/or any wireless local area network (WLAN) or Ultra Wide Band (UWB) module.

What is claimed is:

1. A mobile electronic device comprising:

a multi-touch display, of the mobile electronic device, configured to display an image, wherein a tactile area on a substantially clear layer proximate to the multi-touch display is associated with the image;

a processor configured to display, on the multi-touch display, an information view based on force from a detected touch to the tactile area and a detected indentation level of the substantially clear layer, wherein the force is detected by a sensor layer substantially behind the multi-touch display; and

the processor configured to display a detailed view of the information view based on a detected further indentation of the tactile area.

2. The mobile electronic device of claim **1** further comprising:

the mobile electronic device is configured to provide a programmable vibration in relation to a zoom operation of the image.

3. The mobile electronic device of claim **1** further comprising:

circuitry configured to raise, by the mobile electronic device, the tactile area to a height substantially above the multi-touch display.

4. The mobile electronic device of claim **1**, wherein a vibration or a texture pattern is provided in association with the detected further indentation.

5. The mobile electronic device of claim **1**, wherein the multi-touch display is a flexible OLED display.

6. A method performed by a mobile electronic device, the method comprising:

displaying, by a multi-touch display of the mobile electronic device, an image, wherein a tactile area on a substantially clear layer proximate to the multi-touch display is associated with the image;

displaying, on the multi-touch display, an information view based on force from a detected touch to the tactile area and a detected indentation level of the substantially clear layer, wherein the force is detected by a sensor layer substantially behind the multi-touch display; and

displaying a detailed view of the information view based on a detected further indentation of the tactile area.

7. The method of claim **6** further comprising:

providing, by the mobile electronic device, a programmable vibration in relation to a zoom operation of the image.

8. The method of claim **6** further comprising:

raising, by the mobile electronic device, the tactile area to a height substantially above the multi-touch display.

9. The method of claim **6**, wherein a vibration or a texture pattern is provided in association with the detected further indentation.

10. The method of claim **6**, wherein the multi-touch display is a flexible OLED display.

11. A mobile electronic device comprising:

a multi-touch display, of the mobile electronic device, configured to display text, wherein a tactile point on a substantially clear layer proximate to the multi-touch display is associated with the text;

a processor configured to display, on the multi-touch display, a view based on force from a detected touch to the tactile point and a detected indentation level of the substantially clear layer, wherein the force is detected in part by a sensor layer of the mobile electronic device and the indentation is detected in part based on motion of the mobile electronic device; and

the processor configured to display a detailed view of the view based on a detected further indentation of the tactile point.

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